| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 30   | ((buffer\$4 or delay\$4) near4 (time<br>near3 slot)) same equaliz\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:52 |
| L2       | 17   | "5787118"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:19 |
| L3       | 2    | "5787118".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 14:27 |
| L4       | 2    | "5787118".pn. and time   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:22 |
| L5       | 9    | "6084926"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:53 |
| L6       | 2    | "6084926".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:55 |
| L7       | 79   | (decod\$4 with (error near3 correct\$4)) same ((feedback or (fed adj1 back) or (feed\$4 adj1 back)) near4 equaliz\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:56 |
| L8       | 19   | (decod\$4 with (error near3 correct\$4)) with ((feedback or (fed adj1 back) or (feed\$4 adj1 back)) near4 equaliz\$4)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 12:58 |
| L9       | 139  | (decod\$4 with (error near3 correct\$4)) and (decod\$4 with ((feedback or (fed adj1 back) or (feed\$4 adj1 back)) near4 equaliz\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 13:42 |
| L10      | 120  | L9 not L8  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 13:32 |
| L11      | 22   | (decod\$4 near4 buffer) and (decod\$4 with ((feedback or (fed adj1 back) or (feed\$4 adj1 back)) near4 equaliz\$4))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/05/12 13:34 |

|     |      |   | _   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L12 | 26   | (decod\$4 near4 buffer\$4) and<br>(decod\$4 with ((feedback or (fed adj1<br>back) or (feed\$4 adj1 back)) near4<br>equaliz\$4))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 13:37 |
| L13 | 10   | L12 and ((correct\$4 near3 error) or "FEC")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 13:38 |
| L14 | 1    | "6775334".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2007/05/12 13:39 |
| L15 | 1    | "6724844".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2007/05/12 13:39 |
| L16 | 1    | "6240133".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2007/05/12 13:39 |
| L17 | 1    | "6141384".PN.   | USPAT;<br>USOCR                             | OR | OFF | 2007/05/12 13:41 |
| L18 | 173  | (decod\$4 same ((error near3 correct\$4) or "FEC")) and (decod\$4 with ((feedback or (fed adj1 back) or (feed\$4 adj1 back)) near4 equaliz\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 13:42 |
| L19 | 34   | L18 not L9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:21 |
| L20 | 7    | ("4313202" "6084926" "6980584").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:22 |
| L21 | 1    | L20 and burst   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:24 |
| L22 | 0    | L20 and burst and (coefficients or taps or weights)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:24 |
| L23 | 1    | L3 and (burst) and (coefficients or taps)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:52 |
| L24 | 3904 | decod\$4 same ((error near3 correct\$4) or "FEC") and (decod\$4 near4 buffer\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/12 14:54 |
| S1  | 2    | ("5787118").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/27 12:31 |

| S2         | 0   | Farlow.in. and (decod\$4 same equaliz\$4 same select\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/27 12:31 |
|------------|-----|---|---|----|-----|------------------|
| S3         | 0   | Farlow.in. and (decod\$4 same equaliz\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 12:32 |
| S4         | 40  | 375/229-236.ccls. and ((pluarality or<br>multiple) near3 equaliz\$4) and<br>((plurality or multiple) near3 (decod\$4<br>or slicer or decision)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 12:42 |
| S5         | 39  | S4 and (select\$4 or choos\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 12:34 |
| S6         | 152 | ((pluarality or multiple) near3<br>equaliz\$4) and ((plurality or multiple)<br>near3 (decod\$4 or slicer or decision))                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |
| <b>S</b> 7 | 147 | ((pluarality or multiple) near3 equaliz\$4) and ((plurality or multiple) near3 (decod\$4 or slicer or decision)) and (select\$4 or choos\$4)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:46 |
| S8         | 2   | (equaliz\$4 near3 bank) same ((decod4 or decision or slicer) near3 bank)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:10 |
| S9         | 6   | (equaliz\$4 near3 bank) and ((decod4 or decision or slicer) near3 bank)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:10 |
| S10        | 145 | equaliz\$4 same ((plurality or multiple) near3 (decod\$4 or slicer or decision)) same (select\$4 or choos\$4)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |
| S11        | 0   | S7 not S6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:46 |
| S12        | 5   | S6 not S7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:46 |
| S13        | 950 | equaliz\$4 and ((plurality or multiple) near3 (decod\$4 or slicer or decision)) same (select\$4 or choos\$4)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |

|     |        |   | <u>-</u>                                    |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S14 | 341    | ((plurality or multiple) near3<br>equaliz\$4) and ((plurality or multiple)<br>near3 (decod\$4 or slicer or decision)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |
| S15 | 316    | S14 and (select\$4 or choos\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |
| S16 | 159    | ((plurality or multiple) near3 equaliz\$4) same ((plurality or multiple) near3 (decod\$4 or slicer or decision))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:50 |
| S17 | 146    | S16 and (select\$4 or choos\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 13:51 |
| S18 | 76     | S17 not S6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 14:30 |
| S19 | 137575 | (buffer with (time adj1slot))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:03 |
| S20 | 2      | ("5881362").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/27 14:32 |
| S21 | 519    | (buffer with (time adj1slot)) same<br>(buffer\$4 with equali\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:04 |
| S22 | 548    | (buffer\$4 with (time adj1slot)) same<br>(buffer\$4 with equali\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:04 |
| S23 | 8      | (buffer\$4 with (time adj1 slot)) same<br>(buffer\$4 with equali\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:46 |
| S24 | 6      | (buffer\$4 with (time adj1 slot)) same<br>(buffer\$4 with equaliz\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:46 |
| S25 | 367    | ((plurality or multiple) near2 buffer\$4) and (buffer\$4 with (time adj1 slot))                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:47 |

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| S26 | 91   | ((plurality or multiple) near2 buffer\$4) same (buffer\$4 with (time adj1 slot))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:47 |
| S27 | 41   | ((plurality or multiple) near2 buffer\$4) same (buffer\$4 near3 (time adj1 slot))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:48 |
| S28 | 0    | ((plurality or multiple) near2 buffer\$4) same (buffer\$4 with (time adj1 slot)) same equaliz\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:48 |
| S29 | 6    | ((plurality or multiple) near2 buffer\$4) same (buffer\$4 with (time adj1 slot)) and equaliz\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/27 15:49 |
| S30 | 2    | ("4064370").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/27 15:50 |
| S31 | 1    | S30 and (time adj1 slot)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/27 15:50 |
| S32 | 2    | ("5787118").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/15 07:22 |
| S33 | 2    | ("4064370").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/15 07:26 |
| S34 | 24   | 375/229-236.ccls. and ((multiple or plurality) adj3 equaliz\$4) and ((equaliz\$4 same decod\$4) same ((select\$4 or choos\$4) near4 (equaliz\$4 or decod\$4))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:29 |
| S35 | 78   | ((multiple or plurality) adj3 equaliz\$4)<br>and ((equaliz\$4 same decod\$4) same<br>((select\$4 or choos\$4) near4<br>(equaliz\$4 or decod\$4)))              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:53 |
| S36 | 54   | S35 not S34  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:29 |
| S37 | 1530 | ((first adj3 equaliz\$4) same (second adj3 equaliz\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:32 |

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| S38 | 227  | ((first adj3 equaliz\$4) same (second adj3 equaliz\$4)) and decod\$4 and ((select\$4 or choos\$4) with equaliz\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:42 |
| S39 | 14   | ((select\$4 or choos\$4) near3<br>(equaliz\$4)).ti. and decod\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:43 |
| S40 | 0    | ((multiple or plurality or (first and second)) adj3 equaliz\$4) and ((equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) near4 (ouput near3 (equaliz\$4 or decod\$4)))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:47 |
| S41 | 353  | ((multiple or plurality or (first and second)) adj3 equaliz\$4) and ((equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) near4 (equaliz\$4 or decod\$4)))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:51 |
| S42 | 212  | ((multiple or plurality or (first and second)) adj3 equaliz\$4) and ((equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) near4 (decod\$4)))                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:53 |
| S43 | 148  | S42 not S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:48 |
| S44 | 4874 | ((select\$4 or choos\$4) with (equaliz\$4 or decod\$4) with error)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:52 |
| S45 | 586  | S44 and (equaliz\$4 same decod\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:53 |
| S46 | 175  | S45 and ((multiple or plurality or (first and second)) adj3 (equaliz\$4 or decod\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:53 |
| S47 | 138  | S46 not S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/15 07:53 |
| S48 | 2    | ("5787118").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/24 15:40 |

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|-----|-----|--|---|----|---------------|------------------|
| S49 | 2   | ("4064370").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF           | 2006/05/24 17:03 |
| S50 | 2   | ("6084926").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF           | 2006/05/24 17:06 |
| S51 | 1   | "6005894".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:03 |
| S52 | 1   | "5949796".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:04 |
| S53 | 1   | "5918204".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:04 |
| S54 | 1   | "5818876".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S55 | 1   | "5818876".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S56 | 1   | "5805638".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S57 | 1   | "5805638".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S58 | 1   | "5602484".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S59 | 1   | "5283531".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:05 |
| S60 | 1   | "5230077".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:06 |
| S61 | 1   | "5113400".PN.  | USPAT;<br>USOCR                             | OR | OFF           | 2006/05/24 17:06 |
| S62 | 0   | (first adj3 path) same (second adj3 path) same (equaliz\$4) same (decod\$4) same ((select\$4 or choos\$4) near3 path)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF           | 2006/05/24 17:20 |
| S63 | 349 | ((first adj3 path) same (second adj3 path)) and ((select\$4 or choos\$4) near5 path) and equaliz\$4 and (decod\$4 or slicer or decision)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON            | 2006/05/24 17:11 |
| S64 | 145 | ((first adj3 path) same (second adj3 path)) and ((select\$4 or choos\$4) near5 path) and ((equaliz\$4 and (decod\$4 or slicer or decision)) same path) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON            | 2006/05/24 17:18 |

| S65 | 33  | ((first adj3 path) same (second adj3 path)) and ((select\$4 or choos\$4) near5 decod\$4) and ((equaliz\$4 same (decod\$4 or slicer or decision)) same path)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:20 |
|-----|-----|---|---|----|----|------------------|
| S66 | 6   | S65 not S64   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:19 |
| S67 | 74  | (equaliz\$4) same (decod\$4) same<br>((select\$4 or choos\$4) near3 path)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:20 |
| S68 | 68  | S67 not S64   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:26 |
| S69 | 34  | ((first adj2 equaliz\$4) same (second\$4 adj2 equaliz\$4)) and (equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) with (decod\$4 or equaliz\$4) with (error or performance or quality))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:33 |
| S71 | 335 | (equaliz\$4 same decod\$4) and<br>((select\$4 or choos\$4) with (decod\$4<br>or equaliz\$4) with (error or<br>performance or quality)) and<br>(compar\$4 with (equaliz\$4 or<br>decod\$4))          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:34 |
| S72 | 219 | (equaliz\$4 same decod\$4) and<br>((select\$4 or choos\$4) with (decod\$4<br>or equaliz\$4) with (error or<br>performance or quality)) and<br>(compar\$4 with decod\$4)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:35 |
| S73 | 27  | 375/229-236.ccls. and (equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) with (decod\$4 or equaliz\$4) with (error or performance or quality)) and (compar\$4 with decod\$4)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:35 |
| S74 | 82  | 375/229-236.ccls. and (equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) with (decod\$4 or equaliz\$4) with (error or performance or quality)) and (compar\$4 with (equaliz\$4 or decod\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:42 |
| S75 | 123 | 375/229-236.ccls. and (equaliz\$4 same decod\$4) and ((select\$4 or choos\$4) same ((decod\$4 or equaliz\$4) with (error or performance or quality))) and (compar\$4 with (equaliz\$4 or decod\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:42 |

| S76 | 41  | S75 not S74   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 17:45 |
|-----|-----|---|---|----|----|------------------|
| S77 | 39  | (path same equaliz\$4 same decod\$4) and ((compar\$4 near3 path) same (error or performance or quality))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 18:49 |
| S78 | 215 | ((select\$4 with equaliz\$4) same<br>(output near3 decod\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 18:51 |
| S79 | 7   | 375/229.ccls. and ((select\$4 with equaliz\$4) same (output near3 decod\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 18:52 |
| S81 | 301 | 375/229-236.ccls. and ((select\$4 or choos\$4) near5 (equaliz\$4 or decod\$4)) and (equaliz\$4 same decod\$4)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 19:02 |
| S82 | 216 | S81 and (decod\$4 same (error or quality or performance))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 19:22 |
| S83 | 180 | (detect\$4 with differential with equalizer)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 19:25 |
| S84 | 81  | (detect\$4 with differential with equalizer) and decod\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/24 19:25 |
| S85 | 134 | 375/229-236.ccls. and ((select\$5 or choos\$5) near5 (equaliz\$4 or decod\$4)) and (first adj3 equaliz\$4) and (second adj3 equaliz\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 10:25 |
| S86 | 189 | 375/229-236.ccls. and ((select\$5 or choos\$5) near5 (equaliz\$4 or decod\$4)) and ((multipl\$4 or plurality) adj3 equaliz\$4)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 10:26 |
| S87 | 143 | 375/229-236.ccls. and ((select\$5 or choos\$5) near5 (equaliz\$4 or decod\$4)) and ((multiple or plurality) adj3 equaliz\$4)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 10:28 |
| S88 | 236 | S87 or S85  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 10:26 |

|          |     | EAST Scarci  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S89      | 127 | S88 and (equaliz\$4 same (decod\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:35 |
| S90      | 74  | ((select\$5 or choos\$5) near2 equaliz\$4).ti.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:36 |
| S91      | 7   | S90 and decod\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:38 |
| S92      | 55  | ((mutliple or plurality or parallel) adj3 paths) and ((select\$5 or choos\$5) near3 path) and (path same equaliz\$4 same decod\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:43 |
| S94      | 13  | (estimat\$4 near3 channel) and decod\$4 and "Odom"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:48 |
| S95      | 266 | (equaliz\$4 near3 (compensat\$4 near3 delay\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:49 |
| S96      | 1   | (equaliz\$4 near3 (compensat\$4 near3 delay\$4)) same ((least adj1 square) or (least adj1 mean))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 10:49 |
| S97      | 38  | (equaliz\$4 near3 (compensat\$4 near3 delay\$4)) and ((least adj1 square) or (least adj1 mean))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 11:29 |
| S98      | 14  | "5787118"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 11:29 |
| S99      | 2   | ("5787118").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 11:29 |
| S10<br>1 | 0   | S99 and wire   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 13:44 |
| S10<br>2 | 11  | 375/229-236.ccls. and ((coefficients or taps) near4 (time adj1 slot))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 13:58 |

| S10<br>3 | 32 | 375/229-236.ccls. and ((coefficients or taps) with (time adj1 slot))            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 13:58 |
|----------|----|---|---|----|-----|------------------|
| S10<br>4 | 21 | S103 not S102   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/25 13:58 |
| S10<br>5 | 73 | (first near2 bank near2 decod\$4)<br>same (second near2 bank near2<br>decod\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/05 16:15 |
| S10<br>6 | 9  | S105 and equaliz\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/05 16:20 |
| S10<br>7 | 4  | ("4064370" "6347391").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/05 16:23 |
| S10<br>8 | 2  | ("5787118").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/12/05 16:23 |
| S10<br>9 | 21 | equaliz\$4 same ((buffer\$4 or delay\$4) near3 (time adj1 slot))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/10 17:27 |
| S11<br>0 | 84 | equaliz\$4 same ((buffer\$4 or delay\$4) with (time adj1 slot))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/12/10 17:27 |

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